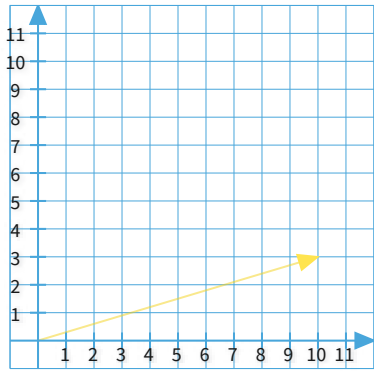


#1

This graph shows how the distance Hailey runs depends on the number of track practices she makes it to. How many track practices would Hailey have to make it to in order to run 3 miles?



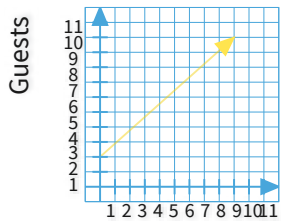
Practices

practices

Show your work

#2

The graph below shows the relationship between pounds of potatoes and how many dinner guests. If Noah has 10 dinner guests, how many pounds of potatoes will he need?



Potatoes (pounds)

☐ 7 lbs

☐ 8 lbs

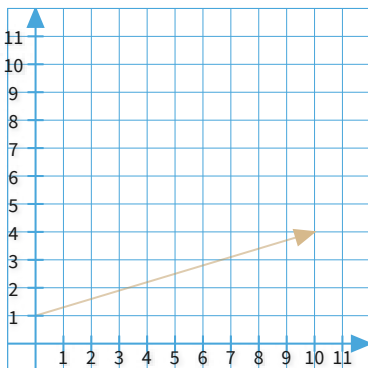
☐ 6 lbs

☐ 9 lbs

Show your work

#3

The graph below shows the relationship between fan sales and temperature. If the temperature is 4 degrees, how many fans can a store expect to sell?



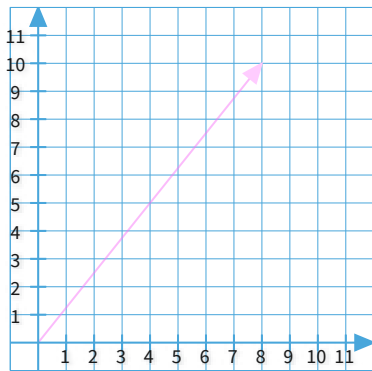
Fans Sold

fans

Show your work

#4

The graph below shows the relationship between years of school and books read. If Logan has completed 5 of schooling, how many books should he have read?



Books Read

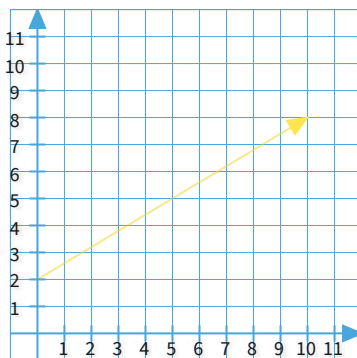
books

Show your work

#5

For each additional 50 inches of snow that falls, the city of Edmonton has to buy more sand for the roads. How many more tons of sand is needed to be bought for each additional 50 inches of snow?

tons of sand



Number of additional inches of snow

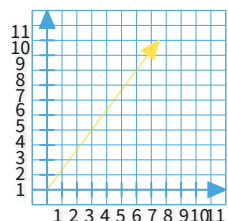
tons

Show your work

#6

The graph below shows how the total distance of road finished is related to how many additional contractors are working. With 60 additional contractors, how many more meters of road is finished?

Road Length



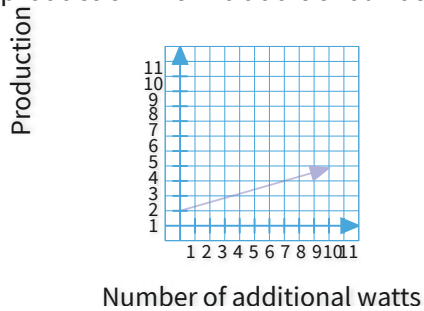
Number of additional contractors

- ☐ 7 meters
 ☐ 11 meters
☐ 5 meters
 ☐ 8 meters

Show your work

#7

The graph below shows how an increase in power by 70 watts increases production by so many times. How many times faster is production with 70 additional watts of power?

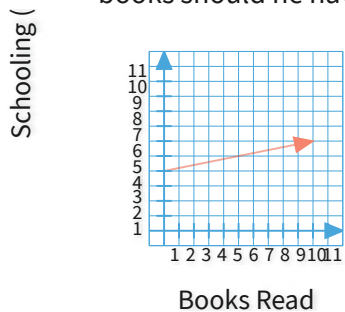


- ☐ 1 time
 ☐ 3 times
 ☐ 0 times
 ☐ 4 times

Show your work

#8

The graph below shows the relationship between years of school and books read. If Gabriel has completed 5 of schooling, how many books should he have read?

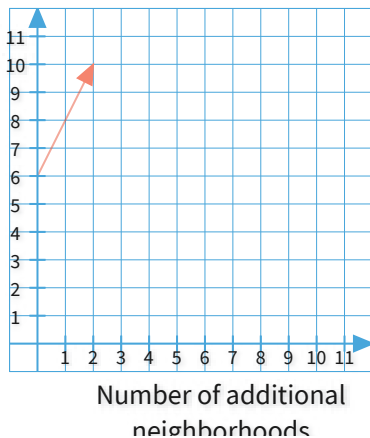


- ☐ 5 books
 ☐ 8 books
 ☐ 2 books
 ☐ 4 books

Show your work

#9

The amount of a power a city requires must to increase for every 10 new neighborhoods. Look at the graph below and calculate how many more kilowatts are required for 10 new neighborhoods.



kilowatts

Show your work

#10

This graph shows how the time required to complete an online shopping transaction is related to the number of products being purchased. If it takes 9 seconds to complete a transaction, how many products are being purchased?

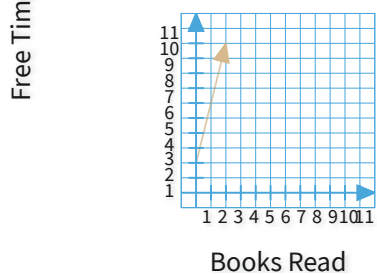


- ☐ 7 products
 ☐ 3 products
 ☐ 4 products
 ☐ 2 products

Show your work

#11

The graph below shows the relationship between hours of free time per day and how many books someone has read in a year. If Maya has 6 hours of free time per day, how many books will they have read in a year?

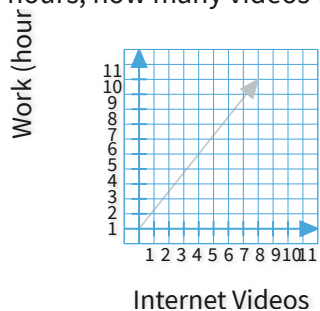


- ☐ 0 books
 ☐ 1 book
 ☐ 2 books
 ☐ 4 books

Show your work

#12

The graph below shows the relationship between number of hours of work and the number of videos watched on the internet. If Natalie works 5 hours, how many videos will they likely watch?



- ☐ 6 videos
 ☐ 5 videos
 ☐ 4 videos
 ☐ 1 video

Show your work

Question	Answer
#1	10
#2	choice 4
#3	10
#4	4
#5	5
#6	choice 4
#7	choice 2
#8	choice 1
#9	8
#10	choice 3
#11	choice 2
#12	choice 3